

Rockbuster

Data Dictionary

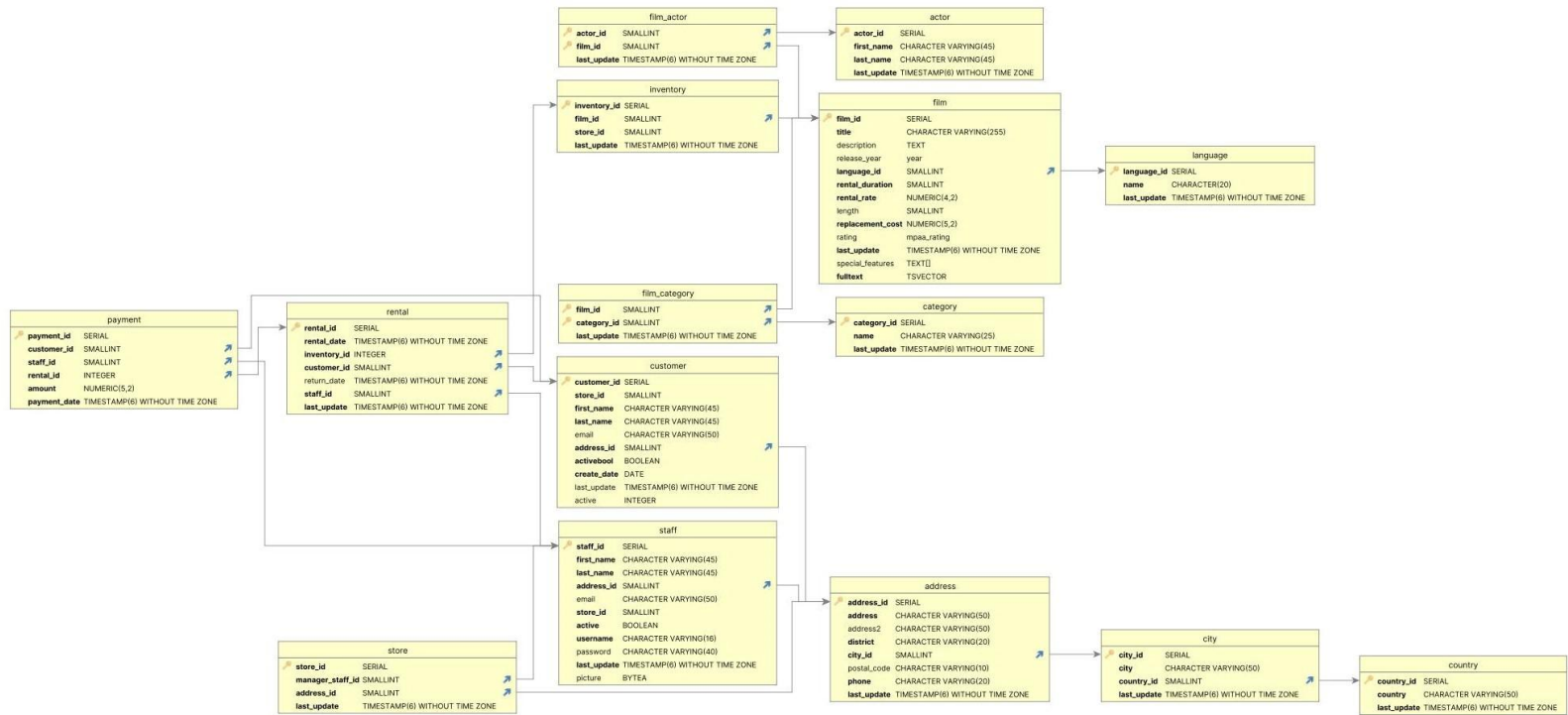
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Table Summary

Fact Table	Dimension Table
Payment	Film Actor
Rental	Film Category
Store	Customer
Inventory	Staff
Film	Actor
	Category
	Address
	Language
	City
	Country

Entity Relationship Diagram





Key Legend

Key Symbol	Key Type
	Primary Key
	Foreign Key



Film

Film table


Key	Columns	Data Type	Description
	film_id	SERIAL	Unique film ID
	title	CHARACTER VARYING(255)	Film title name
	description	TEXT	Film full description
	release_year	year	Year of film release
	language_id	SMALLINT	Unique language ID
	rental_duration	SMALLINT	Film length time ID
	rental_rate	NUMERIC(4,2)	Rental usage rate
	length	SMALLINT	Film length in minutes
	replacement_cost	NUMERIC(5,2)	Price of film replacement
	rating	mpaa_rating	Film mpaa rating
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update
	Special features	TEXT()	Different film features included with film
	fulltext	TSVECTOR	Key description text of film and count of

			words.
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Film Actor table

Key	Columns	Data Type	Description
	actor_id	SMALLINT	Unique actor ID
	film_id	SMALLINT	Unique Film ID
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time and Date of last update


Actor table

Key	Columns	Data Type	Description
	actor_id	SERIAL	Unique actor ID
	First_name	CHARACTER VARYING(45)	Actor first name
	last_name	CHARACTER VARYING(45)	Actor last name
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time and date of last update


Film Category Table

Key	Columns	Data Type	Description
	film_id	SMALLINT	Unique film ID
	category_id	SMALLINT	Unique category ID
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time and Date of last update

Category table




Key	Columns	Data Type	Description
	category_id	SERIAL	Unique category ID
	name	CHARACTER VARYING(25)	Name of type of category
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update

Language Table



Key	Columns	Data Type	Description
	language_id	SERIAL	Unique language ID
	name	CHARACTER(20)	Specific language of origin
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time and date of last update

Store

Store Table



Key	Columns	Data Type	Description
	Store_id	SERIAL	Unique ID number for each store
	manager_staff_id	SMALLINT	Unique Manager ID
	address_id	SMALLINT	Unique Address ID
	last_update_id	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update of store



Staff Table

Key	Columns	Data Type	Description
	staff_id	SERIAL	Unique ID
	first_name	CHARACTER VARYING(45)	Staff First name
	last_name	CHARACTER VARYING(45)	Staff last name
	address_id	SMALLINT	Unique Address ID
	email	CHARACTER VARYING(50)	Staff email
	store_id	SMALLINT	Unique store ID
	active	BOOLEAN	True or false if still active staff
	username	CHARACTER VARYING(16)	Staff username
	password	CHARACTER VARYING(40)	Staff password
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time and date of last update
	picture	BYTEA	Binary data of picture





Accounting

Payment Table

Key	Columns	Data Type	Description
	payment_id	SERIAL	Primary Key for Payment Records
	customer_id	SMALLINT	Unique Customer ID number


	staff_id	SMALLINT	Unique staff identifier
	rental_id	INTEGER	Unique Rental Identifier
	amount	NUMERIC(5,2)	Price of payment
	payment_date	TIMESTAMP(6) WITHOUT TIME ZONE	Year, day, month, and time of payment

Rental Table

Key	Columns	Data Type	Description
	rental_id	SERIAL	Unique ID number used for primary key for rentals.
	rental_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of rental
	inventory_id	INTEGER	Unique inventory ID
	customer_id	SMALLINT	Unique customer ID
	return_date	TIMESTAMP(6) WITHOUT TIME ZONE	Date of latest to return product.
	staff_id	SMALLINT	Unique Staff ID
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update of product status



Inventory Table

Key	Columns	Data Type	Description
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	inventory _ID	SERIAL	Unique inventory ID
	film_id	SMALLINT	Unique film ID
	store_id	SMALLINT	Unique store ID
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time and Date of last update

Customer



Customer Table

Key	Columns	Data Type	Description
	customer_id	SERIAL	Unique customer ID
	store_id	SMALLINT	Unique store ID
	first_name	CHARACTER VARYING(45)	Customer first name
	last_name	CHARACTER VARYING(45)	Customer last name
	email	CHARACTER VARYING(50)	Customer Email
	address_id	SMALLINT	Unique address ID
	activebool	BOOLEAN	True or False on activity
	create_date	DATE	Date customer account was created
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time and date of last update
	active	INTEGER	1 or 0 to indicate activity


Address Table

Key	Columns	Data Type	Description
	address_id	SERIAL	Unique address ID
	address	CHARACTER VARYING (50)	Full Address
	Address 2	CHARACTER VARYING (50)	Full Backup Address
	district	CHARACTER VARYING (20)	Full district name
	city_id	SMALLINT	Unique city code
	postal-code	CHARACTER VARYING (10)	Full postal code
	phone	CHARACTER VARYING (20)	Phone number
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Date and time of last update

City table

Key	Columns	Data Type	Description
	city	SERIAL	Full name of city
	city_id	CHARACTER VARYING(50)	Unique city ID
	country	SMALLINT	Unique country ID
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time and date of last update

Country Table

Key	Columns	Data Type	Description
	country_id	SERIAL	Unique country ID
	country	CHARACTER VARYING(50)	Full name of country
	last_update	TIMESTAMP(6) WITHOUT TIME ZONE	Time and date of last update

Database To and From Table

Key Name	Table From	Table To
Customer_id	Payment	Customer Rental
Staff_id	Payment	Staff Rental
Rental_id	Payment	Rental
Address_id	Customer	Store Staff Address
Store_id	Customer	Store Staff Inventory
City_id	Address	City
Country_id	City	Country
Film_id	Film	Film Actor Inventory Film Category
Inventory_id	Inventory	Rental
Language_id	Film	Language
Actor_id	Film_Actor	Actor
Category_id	Film category	category